

Rampart Rapids Summer Catch Per Unit Effort Video Monitoring, 2001-2003

Fishwheels are commonly used as a capture method for management and research activities in the Yukon River drainage. A growing body of data suggests that delayed mortality and reduced traveling rates are associated with holding salmon in live boxes attached to fishwheels. This project provided Chinook salmon run timing and assessment data using a specially designed fishwheel, equipped with a video capture system. Catch-per-unit-effort data was dependably generated with the fishwheel and video capture system and the modifications to the fishwheel design eliminated the need to hold fish, reducing the injury and stress to the salmon sampled.

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